



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Kum, Soo Leong et al.

Title: DIFFUSION BARRIER LAYER FOR LEAD FREE PACKAGE SUBSTRATE

Docket No.: 884.A68US1

Serial No.: 10/673,605

Filed: September 29, 2003

Due Date: December 1, 2004

Examiner: Nitin Parekh

Group Art Unit: 2811

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

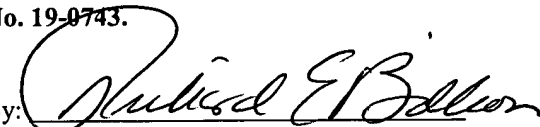
- ☒ A return postcard.
- ☒ An Amendment and Response (12 Pages).
- ☒ A check in the amount of \$106.00 to cover the fee for additional claims as calculated below.

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

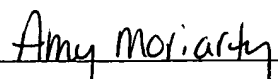
| CLAIMS AS AMENDED  |  |   |  |                         |           |          |
|--|--|---|--|-------------------------|-----------|----------|
| 10/26/2004 FFAHAI2-00000007-10673605<br>01-FC-1201<br>02-FC-1202 | (1)<br>Claims<br>Remaining<br>After<br>Amendment |   | (2)<br>Highest<br>Number<br>Previously<br>Paid For | (3)<br>Present<br>Extra | Rate      | Fee      |
|  | 32   | - | 31   | 1                       | x 18.00 = | \$18.00  |
|  | 6  | - | 5  | 1                       | x 88.00 = | \$88.00  |
| [ ]MULTIPLE DEPENDENT CLAIMS PRESENTED                           |  |   |  |                         |           | \$0.00   |
| TOTAL  |  |   |  |                         |           | \$106.00 |


Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Customer Number 21186

By:   
Atty: Richard E. Billion  
Reg. No. 32,836

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of October, 2004.

  
Name

  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

**S/N 10/673,605**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kum Foo Leong et al.

Examiner: Nitin Parekh

Serial No.: 10/673,605

Group Art Unit: 2811

Filed: September 29, 2003

Docket No.: 884.A68US1

Title: DIFFUSION BARRIER LAYER FOR LEAD FREE PACKAGE SUBSTRATE

Assignee: Intel Corporation

Customer No: 21186

**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

This responds to the Office Action mailed on September 1, 2004. Please amend the above-identified patent application as follows.

10/26/2004 FFANAI2 00000007 10673605

01 FC:1201  
02 FC:1202

88.00 OP  
18.00 OP